

Software for **Desktop Publishing**

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S O F T W A R E

Industry Requirements

Most govt. publications are printed by commercial printers contracted through GPO.

Therefore, DTP files must meet the printing industry's technical requirements.

Consequences

- **Delays at the print shop**
- **Missed deadlines**
- **Cost overruns**

PostScript Compliance

PostScript ...

- **Is a language for describing graphics, fonts and page layouts**
- **Sends information to the monitor, desktop printer and imagesetter**
- **It makes DTP possible!**

PostScript Compliance

- 1. Use a PostScript laser printer**
- 2. Use PostScript fonts — Type 1**
- 3. Use a PostScript page layout program**
- 4. Use PostScript graphic programs — .EPS files**
- 5. Use TIFF file format for bitmapped images — Photos**

Note:

Some types of reproduction may not require PostScript compatibility.

- **Docutech & Docucolor**
- **Photocopied documents**
- **Electronic & web documents**

End Product

**Decide how you will
reproduce and distribute
your publication before
you begin production.**

... *Why?*

Repro & Distribution

Because . . .

Some software programs give you more options:

- **Electronic & printed documents**
- **SGML coding**
- **XML & Internet publishing**

How to Choose Software

Use software that has the tools & features required for your project:

- **Page building & layout**
- **Graphics & charts**
- **Photo image editing**
- **Electronic publishing**

... For Graphics & Photos

PostScript graphics:

- **Adobe Illustrator**
- **CorelDraw**
- **Macromedia Freehand**

- **Adobe Photoshop**
- **Corel PhotoPaint**

Vector

Bitmap

. . . For Page Building

PostScript page layout:

- **Adobe PageMaker 7.0**
- **Adobe InDesign 2.0**
- **QuarkXPress 5.0**
- **Corel Ventura 8.0**
- **Adobe Framemaker 7.0**

PageMaker's Features

- **Good all-around tools for general publishing—newsletters, brochures, booklets**
- **Easiest user interface**
- **Some tools for long documents and books**

InDesign's Features

- **Very good tools for magazines, newsletters, 4-color publications, and general publishing**
- **Some tools for long docs**
- **Tables, indexes, ToCs, Endnotes**
- **XML, PDF, HTML exports**

QuarkXPress's Features

- **Very good tools for magazines, newsletters, 4-color publications, and general publishing**
- **Some tools for long docs**
- **Tables, indexes, ToCs**
- **XML, PDF, HTML exports**

Ventura's Features

- **Excellent tools for books, tech. docs, long docs, and scientific equations**
- **Footnotes, complex tables, indices, TOCs**
- **Excel. mgt. of muti-chapters**
- **Web & database pubs**
- **SGML coding**

FrameMaker's Features

- **Excellent tools for books, tech. docs, long docs, and scientific equations.**
- **Footnotes, complex tables, indices, TOCs.**
- **SGML coding.**
- **Good mgt. of multi-chapters**

So . . .

Why not use **word processors** to build pages?

- Can't output to hi-res film
- Tools are not accurate enough
- Too difficult to manipulate graphics and text
- They're not PostScript compatible
- Can't output color separations

And . . .

Why can't you use Excel,
PowerPoint, or Harvard Graphics
for graphics?

- Can't output to hi-res film
- Can't color separate
- Can't export to professional quality file formats (EPS & TIFF)

Conclusion:

- Use the right **PostScript** page building and graphics software.
- Know how to correctly build pages with them.
Get technical training!

Page Building

Use only PostScript page layout programs:

- **Adobe PageMaker**
- **Adobe InDesign**
- **QuarkXPress**
- **Corel Ventura**
- **Adobe Framemaker**